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Docket No.: NEB-166-PUS

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jack, et al..

EXAMINER:

SERIAL NO. 10/089,027

GROUP:

FILED: March 26, 2002

FOR: Incorporation of Modified Nucleotides By Archaeon
DNA Polymerases And Related Methods

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56, §1.97 and
§1.98, Applicants wish to bring the following references, AA-AU, BA-BZ and
CA-CF on the attached PTO-1449 Form to the attention of the Examiner.

REMARKS

No representation is made that more pertinent, although presently
unknown art does not exist. It is anticipated that the Examiner will conduct a
thorough search of the prior art, and will carefully consider each of the said
documents cited herein.

Inventors: Jacks, et al.
U.S.S.N : 10/089,027
Filed: March 26, 2002
Page 2

It is respectfully requested that each of the documents shown on the PTO-1449 Form be made of record in this Application.

Early examination and allowance of the present Application is respectfully requested.

Respectfully submitted,

NEW ENGLAND BIOLABS, INC.

Date: May 9, 2002

Harriet Strimpel
Harriet M. Strimpel
(Reg. No. 37008)
32 Tozer Road
Beverly, MA 01915
(978) 927-5054; Ext: 373

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT, PTO-1449 FORM and REFERENCES AA-AU, BA-BZ and CA-CF are being deposited with the United States Postal Service as first class mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231 on this ^{9th} day of May, 2002.

Melissa A. Jackson
Melissa A. Jackson

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTORNEY NO. NEB-166-PUS	SERIAL NO. 10/089,027
		APPLICANTS WE Jack	
		FILING DATE 3/26/02	GROUP NO.
	BA	Muller, et al., J. Biol. Chem. 268:1965-1975 (1993)	
	BB	New England Biolabs, Inc. Catalog, 1998/1999, page 73	
	BC	Gardner and Jack, Nucleic Acids Res. 27:2545-2553 (1999)	
	BD	The NEB Transcript, September 1992, pages 12-13	
	BE	Brandis, Nucleic Acids Res. 27:1912-1918 (1999)	
	BF	Lee, et al., Nucleic Acids Res. 20:2471-2483 (1992)	
	BG	Elion, J. Antimicrob. Chemother. 12 Suppl. B:9-17 (1983)	
	BH	Parker, Biotechniques 19:116-121 (1995)	
	BI	Altschul, et al. Nucl. Acids Res. 25:3389-3402 (1997)	
	BJ	Tatusova, et al. FEMS Microbiol Lett. 174:247-250 (1999)	
	BK	Bernad, et al., Cell 59:219-228 (1989)	
	BL	Derbyshire, et al., Science 240:199-201 (1988)	
	BM	Kornberg, DNA Replication, W.H. Freeman and Company, San Francisco Section 4-10, pages 127-130 (1980)	
	BN	Ellison, et al. Biotechniques 17:742-753 (1994)	
	BO	Delarue, et al., Protein Eng. 3:461-467 (1990)	

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		FILING DATE 3/26/02	GROUP NO.
	BP	Conrad, et al., Biotechniques 26:870-873 (1999)	
	BQ	Illesley and Buzby, FASEB J. 13:A1441 (1999)	
	BR	Ito and Braithwaite, Nucleic Acids Res. 19:4045-4057 (1991)	
	BS	Perler, et al., Proc. Natl. Acad. Sci. 89:5566-5581 (1992)	
	BT	Reid, et al., J. Biol. Chem 263:3898-3904 (1988)	
	BU	Ross, Nature Biotechnology 16:1347-1351 (1998)	
	BV	Saiki, et al., Science 230:1350-1354 (1985)	
	BW	Sanger, Proc. Natl. Acad. Sci. USA 74:5463-5467 (1977)	
	BX	Southworth, Proc. Natl. Acad. Sci. USA 93:5281-5285 (1996)	
	BY	Tabor and Richardson, Proc. Natl. Acad. Sci. USA 92:6339-6343 (1995)	
	BZ	Walker, Proc. Natl. Acad. Sci. USA 89:392-396 (1992)	
	CA	Chen, Genome Research 9:492-498 (1999)	
	CB	Chen and Kwok, Nucleic Acids Res. 15:347-353 (1997)	
	CC	Prober, Science 238:336-341 (1987)	
	CD	Sarker, Genomics, 13:441-443 (1992)	
	CE	Heringa and Argos, "The Evolutionary Biology of Viruses" Morse, S.S., ed. pg. 87-103, Raven Press, New York (1994)	

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Nikiforov, Nucleic Acids Res. 22:4167-4175 (1994)